R. Schwartzman

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RAW SEQUENCE LISTING PATENT APPLICATION US/08/915,004

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This Raw Listing contains the General Information Section and up to the first 5 pages.

ENTERED 12-5-97 SEQUENCE LISTING 1 2 General Information: (1) 3 (i) APPLICANT: GOTO, Masaaki 5 TSUDA, Eisuke MOCHIZUKI, Shin'ichi 6 7 YANO, Kazuki 8 KOBAYASHI, Fumie SHIMA, Nobuyuki 9 YASUDA, Hisataka 10 NAKAGAWA, Nobuaki 11 MORINAGA, Tomonori 12 13 UEDA, Masatsugu 14 HIGASHIO, Kanji (ii) TITLE OF INVENTION: Novel Proteins and Methods for Producing 15 16 17 the Proteins 18 (iii) NUMBER OF SEQUENCES: 108 19 20 (iv) CORRESPONDENCE ADDRESS: 21 (A) ADDRESSEE: Testa, Hurwitz & Thibeault 22 (B) STREET: 125 High St. 23 24 (C) CITY: Boston 25 (D) STATE: MA 26 (E) COUNTRY: USA 27 (F) ZIP: 02110 28 (v) COMPUTER READABLE FORM: 29 (A) MEDIUM TYPE: Floppy disk 30 (B) COMPUTER: IBM PC compatible 31 (C) OPERATING SYSTEM: PC-DOS/MS-DOS 32 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30 33 34 (vi) CURRENT APPLICATION DATA: 35 (A) APPLICATION NUMBER: 36 37 (B) FILING DATE: 38 (C) CLASSIFICATION: 39 40 (vii) PRIOR APPLICATION DATA: (A) APPLICATION NUMBER: JP 54977/1995 41 (B) FILING DATE: 20-FEB-1995 42 43 (vii) PRIOR APPLICATION DATA: 44 (A) APPLICATION NUMBER: JP 207508/1995 45

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(B) FILING DATE: 21-JUL-1995
47
48
       (vii) PRIOR APPLICATION DATA:
               (A) APPLICATION NUMBER: PCT/JP96/00374
49
               (B) FILING DATE: 20-FEB-1996
50
51
       (Viii) ATTORNEY/AGENT INFORMATION:
52
               (A) NAME: CAMPBELL, Paula A.
53
               (B) REGISTRATION NUMBER: 32,503
54
               (C) REFERENCE/DOCKET NUMBER: FJN-060
55
56
         (ix) TELECOMMUNICATION INFORMATION:
57
               (A) TELEPHONE: (617) 248-7000
58
59
                (B) TELEFAX: (617) 248-7100
60
61
62
     (2) INFORMATION FOR SEQ ID NO:1:
63
 64
           (i) SEQUENCE CHARACTERISTICS:
 65
                (A) LENGTH: 6 amino acids
 66
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 67
                (C) STRANDEDNESS:
 68
                (D) TOPOLOGY: linear
 69
 70
          (ii) MOLECULE TYPE: peptide
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 72
 73
          (ix) FEATURE:
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  77
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  84
  85
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   93
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   95
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125
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128
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130
131
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 151
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 152
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157										_		_		•	TT 4 ~	m.,,
158	Cvs	Thr	Ala	Lys	Trp	Lys	Thr	Val	Cys	Ala	Pro	Cys	Pro	Asp	HIS	TYL
159	0,10		35	-	-			40					45			
160	TT TO THE	Thr	Asn	Ser	Tro	His	Thr	Ser	Asp	Glu	Cys	Leu	Tyr	Cys	Ser	Pro
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163	7	a	T ***	GI11	T. 611	Gln	Tvr	Val	Lys	Gln	Glu	Cys	Asn	Arg	Thr	His
164		Cys	цуз	GIG		70	- 2 -		•		75					80
165	65															
166	_	•	7	a	<i>α</i> 1	Cve	T.vs	glu	Glv	Arg	Tyr	Leu	Glu	Ile	Glu	Phe
167	Asn	Arg	vaı	Cys	GIU	Cys	шyБ		1	90	•				95	
168					85											
169			_	!	3	C - ~	Cuc	Dro	Dro	Glv	Phe	Glv	Val	Val	Gln	Ala
170	Cys	Leu	Lys		Arg	Ser	Cys	PIO	105	017		1		110		
171				100					103							
172				_	_	_	m\	17-1	0 110	Tvc	Ara	Cvs	Pro	Asp	Gly	Phe
173	Gly	Thr		Glu	Arg	Asn	Thr	var	Cys	гуз	AL 9	CyD	125	Asp	_	
174			115					120					120			
175					_				.1.	D=0	0,,,	Ara	Lvs	His	Thr	Asn
176	Phe	Ser	Asn	Glu	Thr	Ser	Ser	Lys	Ala	Pro	Cys	140	цуз	1110		Asn
177		130					135					140				
178									_		_	a1		. ה	mb r	His
179	Cys	Ser	Val	Phe	Gly	Leu	Leu	Leu	Thr	GIn	Lys	СТУ	ASI	МІО	1111	His 160
180	145					150					155)				100
181												-7.	.		a1,,	Tla
182	Asp	Asn	Ile	Cys	Ser	Gly	Asn	Ser	Glu	ı Ser	Thr	GIR	ггая	Cys	175	Ile
183				_	165					170)				175	
184												_				mla sa
	λqr	val	Thr	Lev	CVS	Glu	Glu	Ala	Phe	Phe	arç	g Phe	A La	val	. Pro	Thr
185	, L	, , , ,		180	_				185	5				190)	
186																
187	T ***	. Dhe	יולים ב	Pro	Asr	Tr	Leu	Sei	va.	L Lev	.Val	L Asp	Ası	ı Lev	Pro	Gly
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192		210														
193			~ 1-	. al.	- mb	r Dha	. Glr	r T.e.	u Lei	u Lv	s Le	u Tr	p Ly	s His	s Gl	n Asn 240
194			n GI	1 GT	n III	230	, ,				23	5	_			240
195	22	5				230	,					_				
196			_	_			1 T	~ T **	~ т1	о т1	G 1	n As	lI a	e As	p Le	u Cys 5
197	Ly	s As	b GT	n As	b TT	e va. -	r n A;	э гу	U II	25	0			,	25	5
198					24	5				23	•					
199						_	'		_ ~1	112	ר ג ב	a Ne	n T.A	ነነ ሞክ	r Ph	e Glu
200	Gl	u As	n Se	r Va	1 G1	n Ar	g Hi	s II	e GI	y nl	a Al	a Ab	пе	27	0	e Glu
201				26	0				26	5				41	-	
202										_			F	- U-	ום ו	v Ala
203	G1	n Le	u Ar	g Se	r Le	u Me	t Gl	u Se	r Le	u Pr	o GI	у гу	з гу	s va	T 0T	y Ala
204			27					28	0				28	כ		
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206		Glu		Ile	Glu	Lys	Thr	TTE	ràs	АТЯ	Суъ	цуз	Pro 300	501			
207			290					295									
208		T	T	T 011	LON	Sar	T.e11	Trp	Ara	Ile	Lys	Asn	Gly	Asp	Gln	Asp	Thr
209		цеи 305	гуs	Lea	пеп	Ser	310	F	5		-	315	_				320
210																	_•
211 212		T.e.11	T.vs	Glv	Leu	Met	His	Ala	Leu	Lys	His	Ser	Lys	Thr	Tyr	His	Phe
212		200	-,-	1		325					330					335	
214											_		-1-		Dh.a	T 011	uie
215		Pro	Lys	Thr	Val	Thr	Gln	Ser	Leu	Lys	Lys	Thr	Ile	arg	350	red	UIS
216					340					345					330		
217			_				T	T	M	aln	T.ve	T.e.11	Phe	Leu	Glu	Met	Ile
218		Ser	Phe		Met	туг	гÀг	Leu	360	GIII	цуз	пса		365			
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220		a1) an	al n	Ual	d] n	Ser	Val	Lvs	Ile	Ser	Cys	Leu				
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229			(0) ST	RAND	EDNE	155:	ar									
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231		/::\	мог	FCIII	E TY	PE:	prot	ein									
232		(11)	MOL	,ECOL			P										
233 234																	
235		(ix)	FEA	TURE	I :												
236		` '	(]	A) NA	ME/K	EY:	Prot	ein									
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241			/1	D \ T (ንሮ አጥ	· MO	-21	0									
242 243			()	ים נט	THER	INF	ORMA'	rion	: /n	ote=	" (s	igna:	l per	ptide	∍)"		
244			``	, .													
245																	
246		(xi) SE	QUEN	CE DI	ESCR	IPTI	ON:	SEQ	ID N	0:5:						
247						_	_			- r-		1 Dh	ο T.Θ1	, Δς	n Tl	e Se	r Ile
248		Me ⁻	t As	n As	n Le	u Le	u Cy	s cy	E AT	а ье	u va	T L11	-1	0			r Ile
249			-2	0				-1	5				_	•			
250		Ŧ	m	∽ mh	∽ mh	r G1	n (31)	u Th	r Ph	e Pr	o Pr	o Ly	s Ty	r Le	u Hi	s Ty	r Asp
251				ртп	1111	I GI	1 31	u			5	_	-			10	
252		-5														_	
253 254		a1	u Gl	u Th	r Se	r Hi	s Gl	n Le	u Le	u Cy	s As	p Ly	s Cy	s Pr	o Pr	o Gl	y Thr
25 4 255		01			15					20					25		
256											_	_		***-	1 0	ר א ה	a Dro
257		Ту	r Le	u Ly	s Gl	n Hi	s Cy	s Th	r Al	a Ly	's Tr	рГу	's Th	r va	T GÀ	S Al	a Pro
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